

FIG. 2

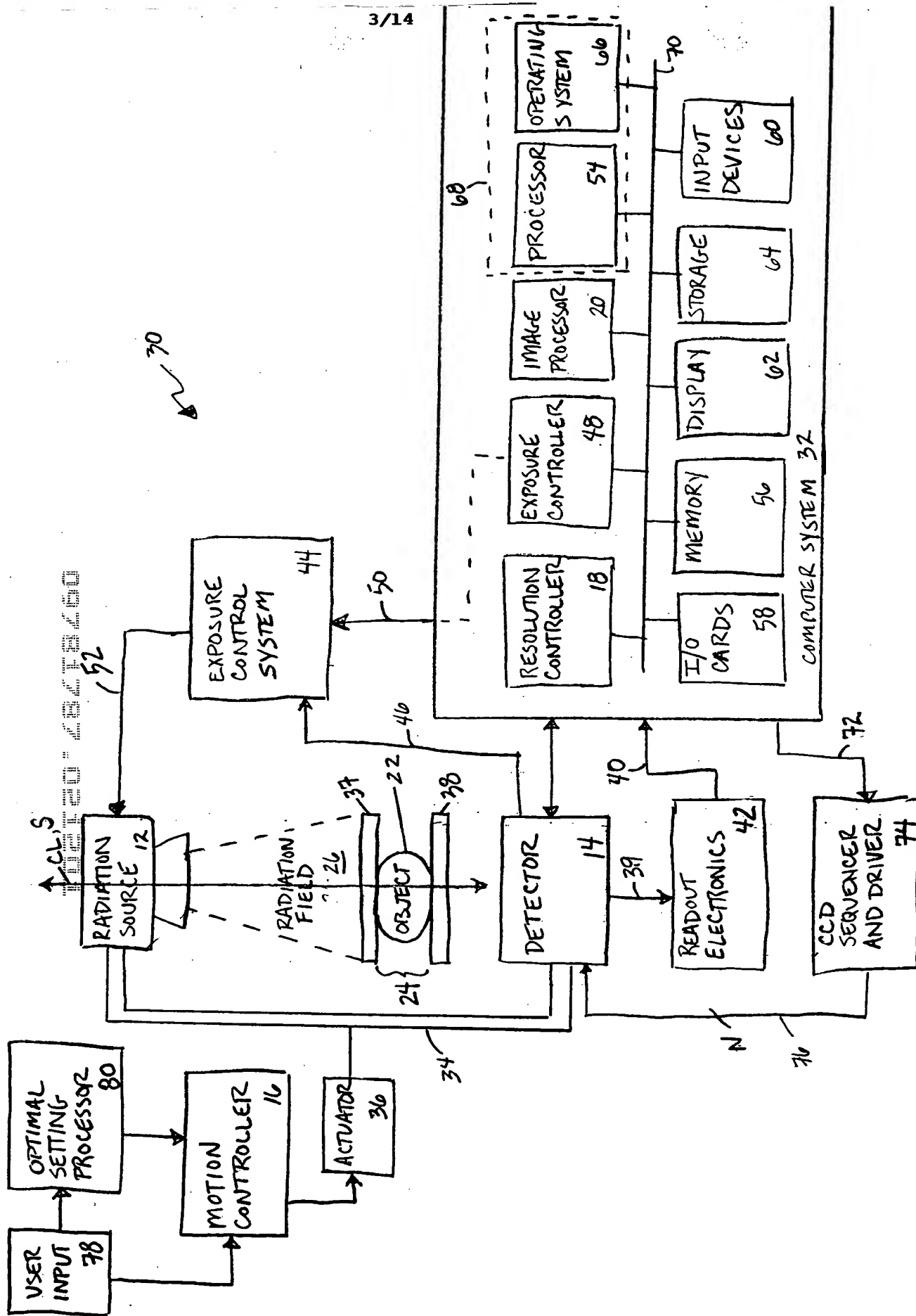


FIG. 3

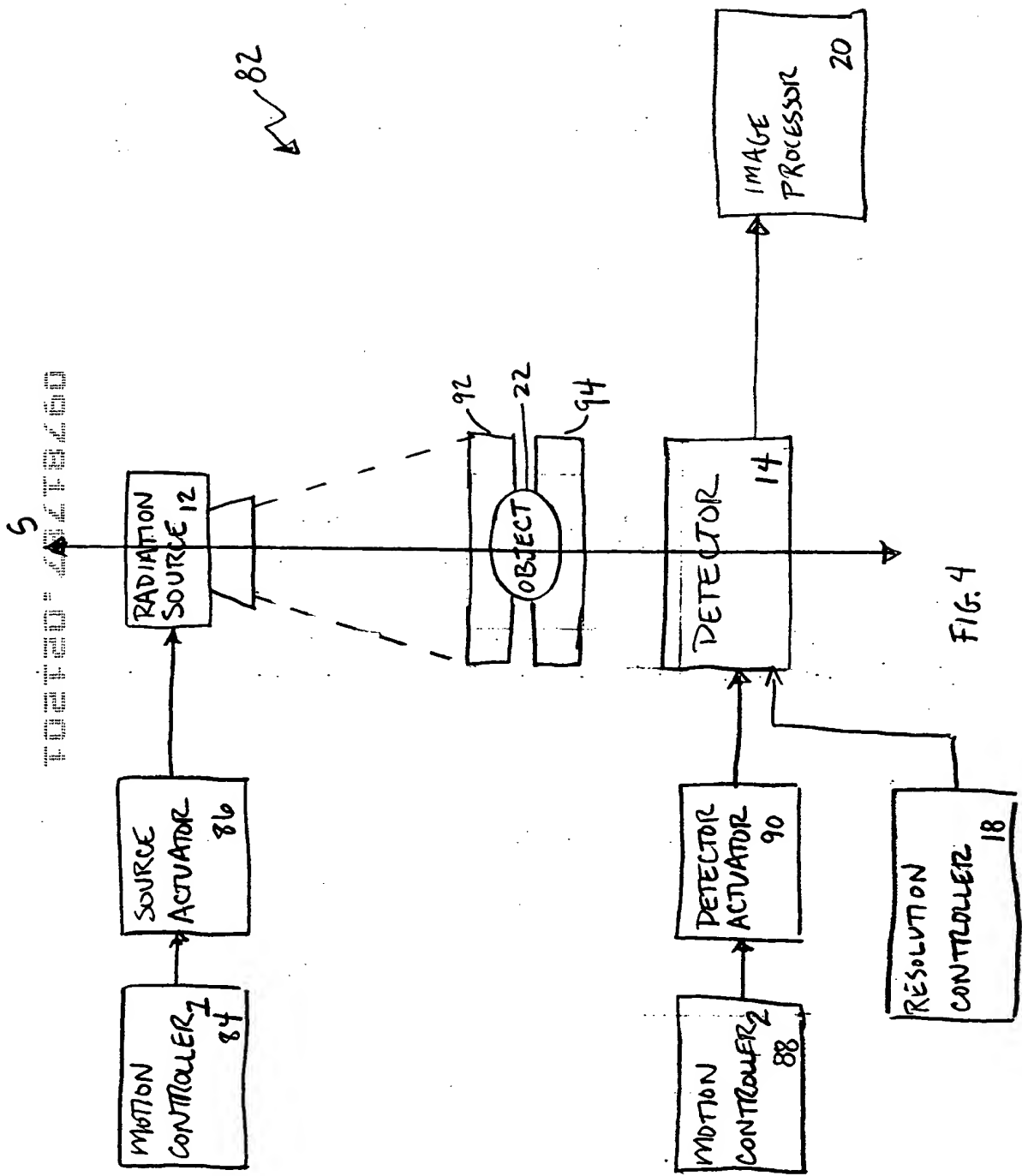


FIG. 4

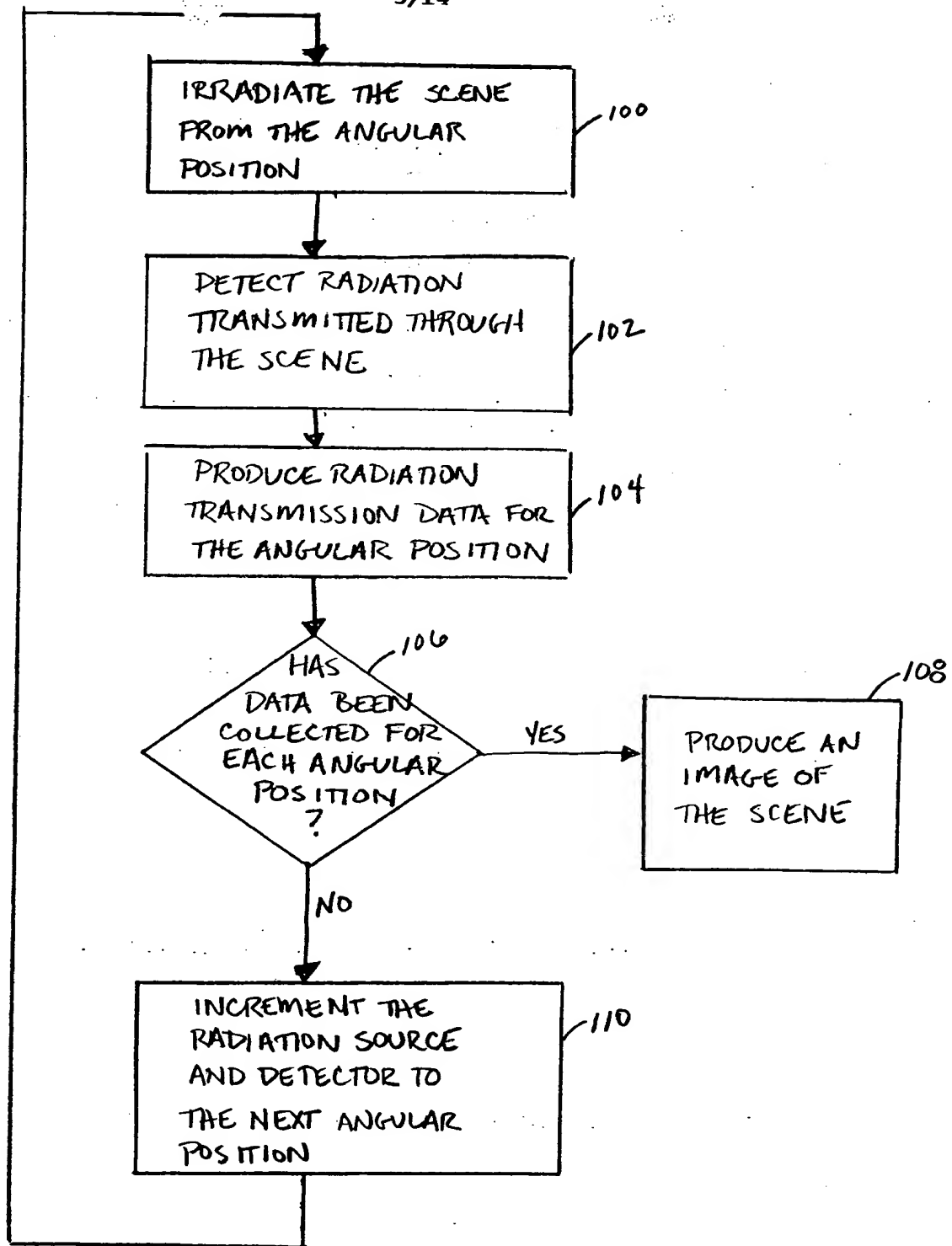


FIG. 5

FIG. 6

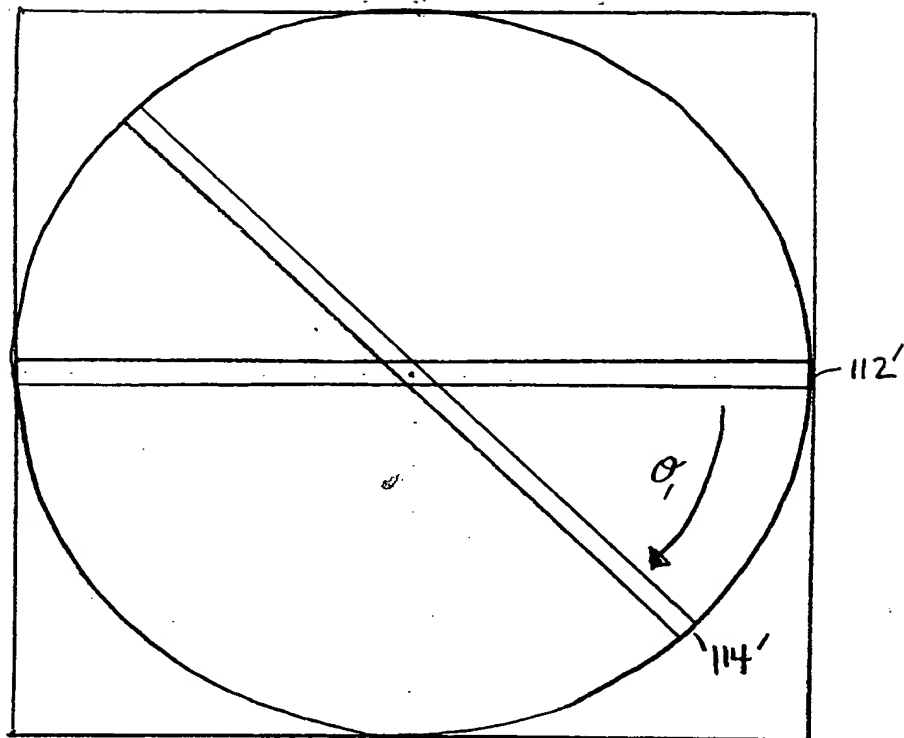


FIG. 6

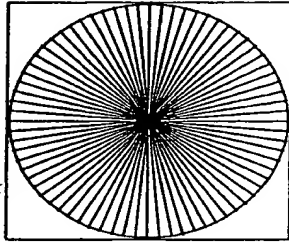


FIG. 7A

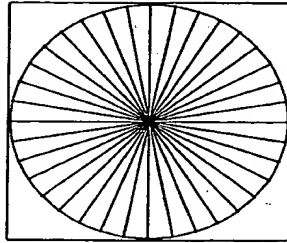


FIG. 7B

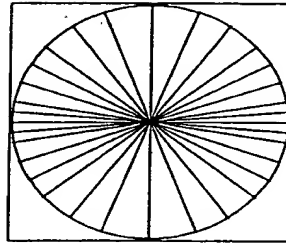


FIG. 7C

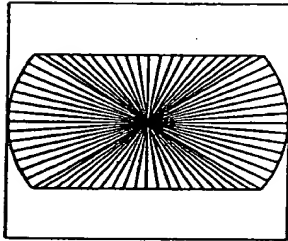


FIG. 7D

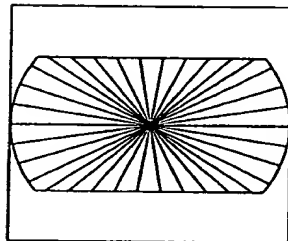


FIG. 7E

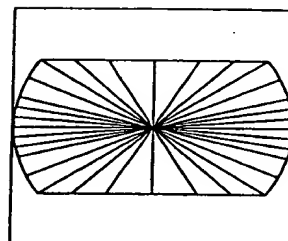


FIG. 7F

00781787 024901

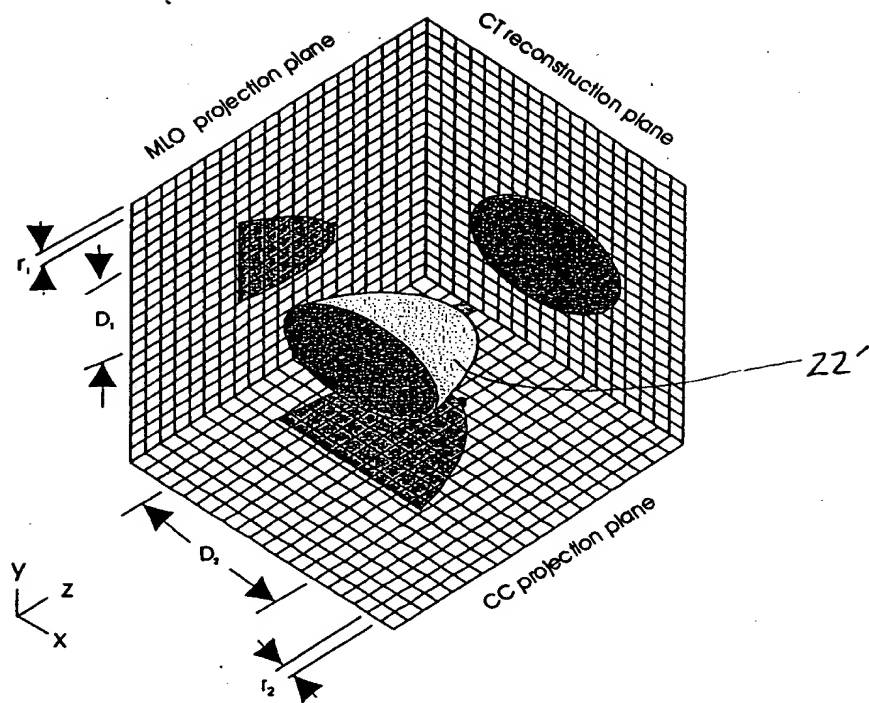


FIG. 8A

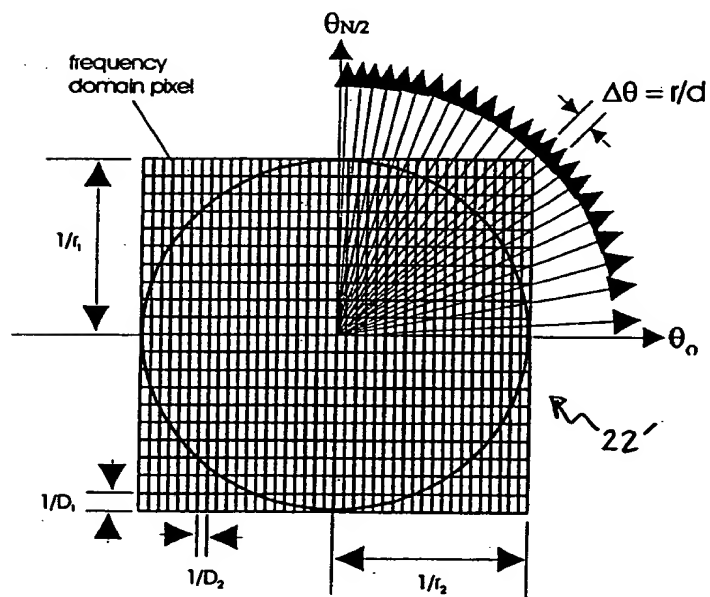


FIG. 8B

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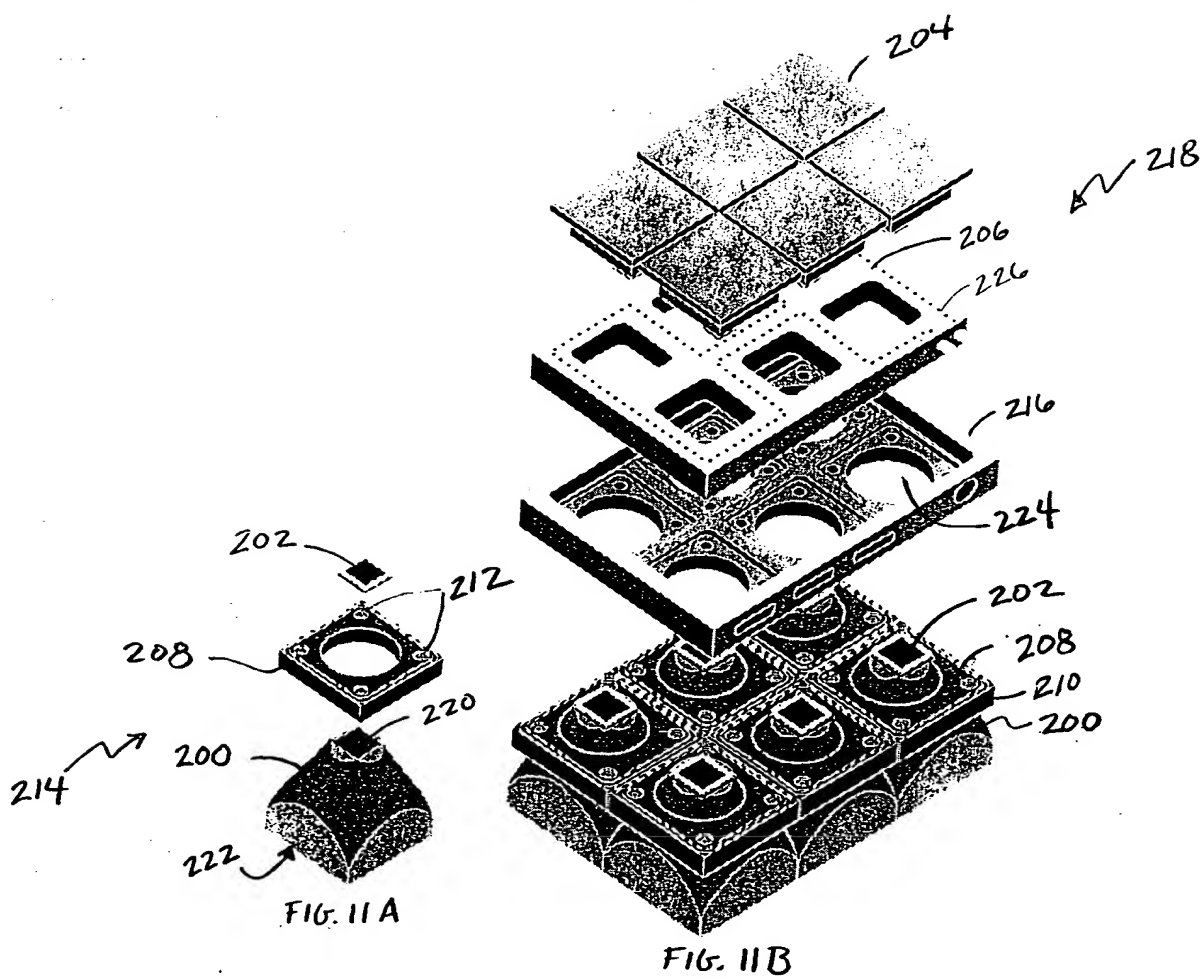
 P_4 P_3 P_2 P_2

174

FIG. 10

FIG. 10

00781787 004201



09784787 024004

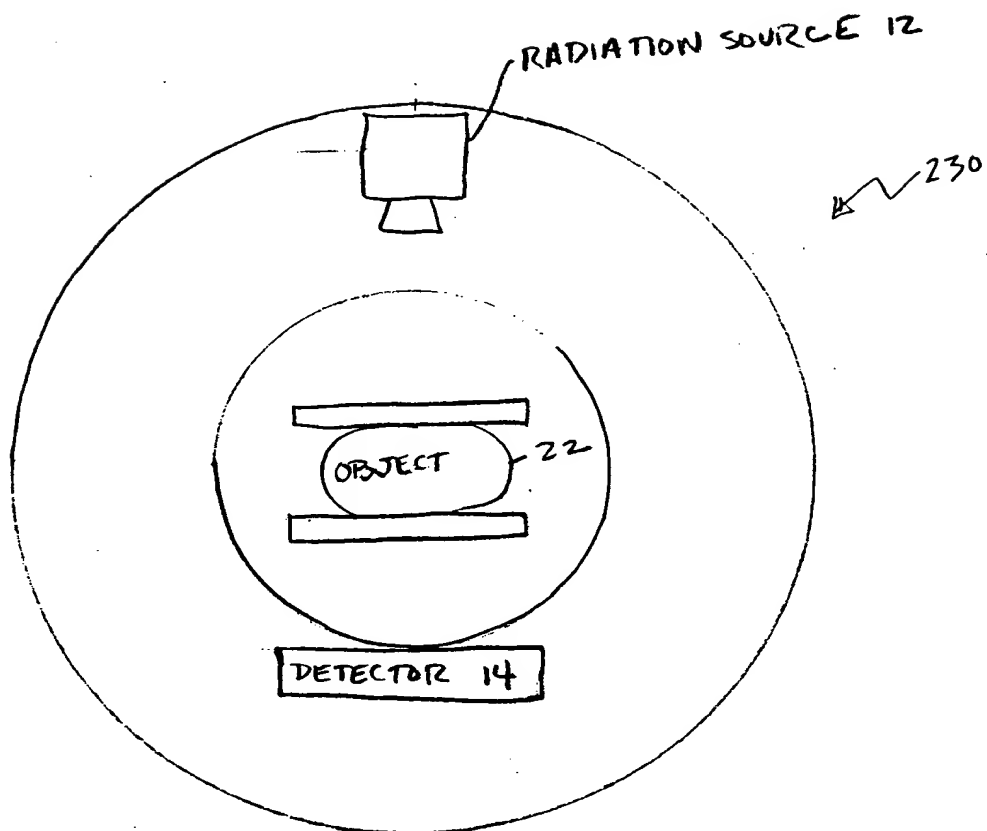


FIG. 12

LOAD RADIATION TRANSMISSION DATA 250

CREATE TRANSMISSION PROJECTION IMAGES 252

LOAD GEOMETRY AND META INFORMATION 254

LOG-AND INVERT TRANSMISSION PROJECTION IMAGES TO FORM OPD IMAGES 256

LIMIT INTENSITY RANGE OF OPD IMAGES TO CORRESPOND TO POSSIBLE TISSUE DENSITIES 258

LIMIT SPATIAL BOUNDARIES OF OPD IMAGES 260

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YES

EXPAND TO FULL RESOLUTION 264

NO

BACK-PROJECT OPD IMAGES TO FORM 3D MODEL DENSITY 266

FORWARD PROJECT 3D MODEL DENSITY TO FORM PREDICTED PROJECTED DENSITY IMAGES 268

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CALCULATE DIFFERENCE IMAGES 272

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BACK-PROJECT DIFFERENCE IMAGES TO FORM 3D DENSITY DIFFERENCE 276

TO STEP 278 OF FIG. 13B

FIG. 13A

FROM STEP 282 OF FIG. 13B

FROM STEP 276 OF FIG. 13A

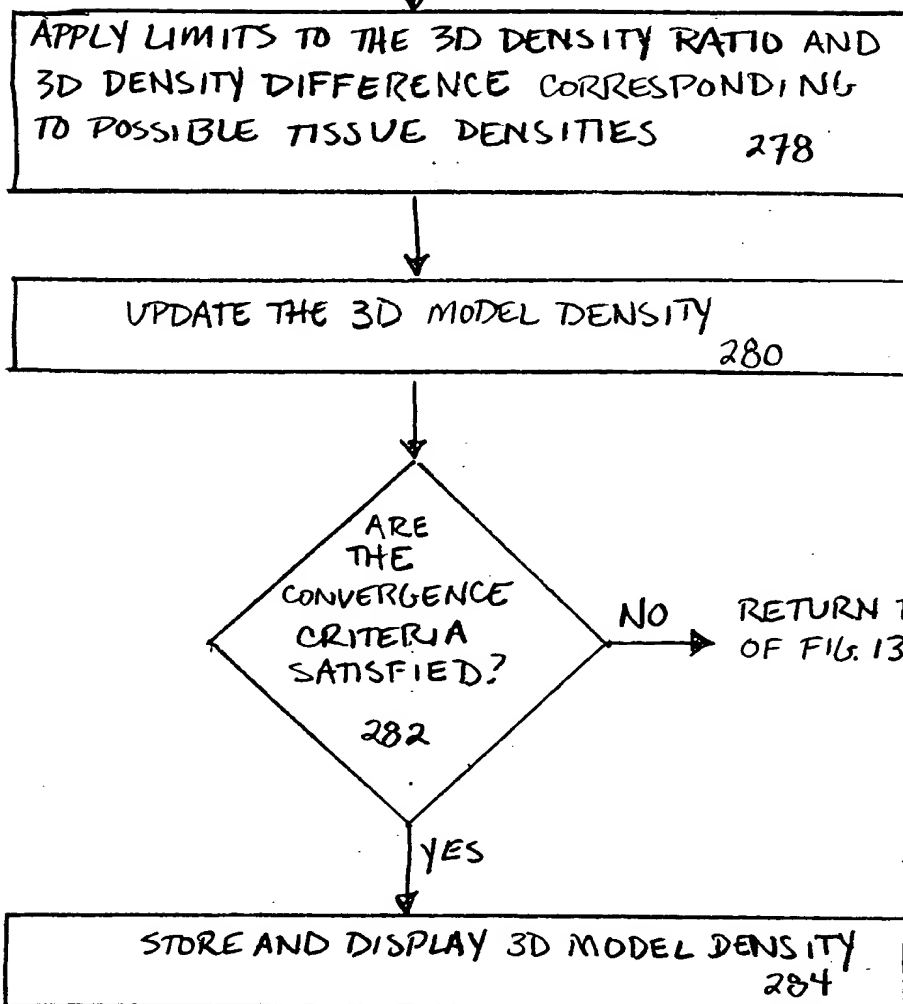


FIG. 13B

09781787-021001